



COURSE SYLLABUS

Advanced Macroeconomics, 7.5 credits

Advanced Macroeconomics, 7,5 högskolepoäng

Course Code: JMAR23	Education Cycle: Second-cycle level
Confirmed by: Council for Undergraduate and Masters Education Nov 7, 2022	Disciplinary domain: Social sciences (75%) and natural sciences (25%)
Revised by: Examiner Aug 21, 2024	Subject group: NA1
Valid From: Oct 28, 2024	Specialised in: A1N
Version: 2	Main field of study: Economics

Intended Learning Outcomes (ILO)

On completion of the course the students will be able to:

Knowledge and understanding

1. discuss complex macroeconomic policy issues and relate them to well understood macroeconomic theories.
2. distinguish between alternative ways of analysing economic growth and short-run economic fluctuations.
3. assess the aggregation problems associated with the interface between microeconomic assumptions and macroeconomic formulations.
4. assess how well theoretical models depict macroeconomic processes.

Skills and abilities

5. apply theories of economic growth and short-run economic fluctuations.
6. critically review existing research on economic growth and short-run economic fluctuations.
7. identify avenues for applied research in macroeconomics

Judgement and approach

8. analyse macroeconomics from the viewpoint of scientific, societal, distributional and ethical considerations

Contents

The course has the objective of providing the student with theories and methods for analysing macroeconomic growth and short-run macroeconomic fluctuations. The first part of the course is concerned with growth and focuses on questions such as why some economies are richer than others and what determines the rise of real incomes over time. A range of models designed for this purpose is reviewed, including the Solow growth model in which growth is exogenously determined and models in which growth is determined endogenously.

The second part of the course is concerned with the various theories and determinants of short-run macroeconomic fluctuations. Since the behaviors of consumption and investment are central

issues in short-run macroeconomic fluctuations, their determinants are examined in detail. Theories of unemployment and wage determination are likewise covered extensively. Business cycle models with different assumptions on how expected inflation is determined are explored, including those based on static expectations, adaptive expectations, and rational expectations. A simple dynamic stochastic general equilibrium model is presented. Real business cycle theory and modeling based on the New Keynesian and Sticky Information Philips Curves are introduced. The connection of financial markets and financial crises to short-run macroeconomic fluctuations is also discussed. Finally, the second part of the course devotes time to theories and analysis of fiscal and monetary policies.

Connection to Research and Practice

Macroeconomic theories are presented in connection with empirical studies and real-world macroeconomics issues. Macroeconomic indicators, theories, and models are put into practice through the exercises and the assignment.

Type of instruction

Lectures, exercises, and an assignment applying various approaches to analyse macroeconomics.

The teaching is conducted in English.

Prerequisites

A Bachelor's degree equal to 180 credits (or the equivalent), including 60 credits in Economics, and a minimum of 15 credits in mathematics, statistics and/or econometrics (or the equivalent).

Examination and grades

The course is graded A, B, C, D, E, FX or F.

Individual written exam (ILOs: 1-5) representing 6 credits.

Written assignment (ILOs: 6- 8), representing 1.5 credits.

Registration of examination:

Name of the Test	Value	Grading
Individual written exam [†]	6 credits	A/B/C/D/E/FX/F
Written assignment [†]	1.5 credits	A/B/C/D/E/FX/F

[†] All parts of the compulsory examination in the course must be passed with a passing grade (A-E) before a final grade can be set. The final grade of the course is determined by the sum total of points for all parts of the examination in the course (0-100 points). Grade is set in accordance to JIBS grading policy.

Course evaluation

It is the responsibility of the examiner to ensure that each course is evaluated. At the outset of the course, the programme evaluators in the course must be contacted. In the middle of the course, the examiner should meet the programme evaluators to identify strengths/weaknesses in the first half of the course.

At the end of the course, the examiner should remind students to fill in the survey. The examiner should also call a meeting with the programme evaluators to debrief the course, based on course evaluation data and comments. The next time the course runs, students should be informed of any measures taken to improve the course based on the previous course evaluations.

At the end of each study period, JIBS' Director of Quality and Accreditation crafts a "Course Evaluation Quarter Report", presenting the quantitative results from course evaluation surveys. The Associate Dean of Education, The Associate Deans of Faculty, Programme Directors, and JSA President and Quality receive the report.

Other information

Academic integrity

JIBS students are expected to maintain a strong academic integrity. This implies to behave within the boundaries of academic rules and expectations relating to all types of teaching and examination.

Copying someone else's work is a particularly serious offence and can lead to disciplinary action. When you copy someone else's work, you are plagiarizing. You must not copy sections of work (such as paragraphs, diagrams, tables and words) from any other person, including another student or any other author. Cutting and pasting is a clear example of plagiarism. There is a workshop and online resources to assist you in not plagiarizing called the Interactive Anti-Plagiarism Guide.

Other forms of breaking academic integrity include (but are not limited to) adding your name to a project you did not work on (or allowing someone to add their name), cheating on an examination, helping other students to cheat and submitting other students work as your own, and using non-allowed electronic equipment during an examination. All of these make you liable to disciplinary action.

Course literature

Literature

Sørensen, P.B. and Whitta-Jacobsen, H.J. *Introducing Advanced Macroeconomics: Growth and Business Cycles*, Third edition (2022) or later edition. Oxford University Press, ISBN-13: 978-0-19-885049-6; eBook ISBN 978-0-19-259122-7

Supplemental readings may be assigned at the beginning of the course.